List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 10 (Cancelled).

11. (Currently Amended) A flowmeter having:

at least two ultrasonic transducers, which are attached by clamping them ~~clamped~~ on a containment, through which a medium is flowing in a stream direction, wherein the ultrasonic transducers alternately send and receive ultrasonic measuring signals in, and against, the stream direction; and

a control/evaluation unit, which, on the basis of the travel time difference of the ultrasonic measuring signals propagating in, and against, the stream direction, determines and/or monitors the volume flow rate of medium in the containment, wherein:

said at least two ultrasonic transducers are constructed such that they send and receive ultrasonic measuring signals, or sonic fields, with
a large beam spread,

a minimum separation of said at least two ultrasonic transducers and the beam spread of the ultrasonic measuring signals, or sonic fields, ~~is dimensional such~~ are dimensioned with the result that the ultrasonic measuring signals propagate along at least two sonic paths, which differ in the number of traverses, wherein a traverse defines the section of a sonic path, along which an ultrasonic measuring signal crosses once through the containment; and

said control/evaluation unit [[,]] ~~on the basis of the travel time of the ultrasonic measuring signals, which propagate along at least two different sonic paths in and against the stream direction in the containment through which the medium is flowing~~ [[,]] calculates at least one of the system-or process parameters necessary for determining the volume flow rate of the medium in the

containment.

Claims 12 - 15 (Cancelled).

16. (Previously presented) The flowmeter as claimed in claim 11, wherein:

the at least one system- or process parameter is the inner diameter of the containment, the wall thickness of the containment, the velocity of sound in the material of which the containment is fabricated, or the velocity of sound in the medium.

17. (Previously presented) The flowmeter as claimed in claim 11, wherein:

each of said at least two ultrasonic transducer has at least one piezoelectric element as a sending- and/or receiving element.

Claims 18 - 20 (Cancelled).

21. (Previously presented) The flowmeter as claimed in claim 11, wherein:

the flowmeter is a clamp-on flowmeter which is mounted on the outer surface of the containment

22. (New) The flowmeter as claimed in claim 11, wherein:

the ultrasonic measuring signals propagate along at least two different sonic paths in and against the stream direction in the containment through which the medium is flowing.